



Linda S. Adams
Secretary for
Environmental Protection

Air Resources Board

Mary Nichols, Chairman
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Sacramento, California 95812 • www.arb.ca.gov



Arnold Schwarzenegger
Governor

December 20, 2007

Dear Sir or Madam:

The California Air Resources Board (ARB) staff invites you to participate in a kick-off meeting on February 15, 2008 to discuss concepts for mitigating emissions from high-Global Warming Potential (GWP) greenhouse gases from stationary sources. The California Global Warming Solutions Act of 2006 (AB 32) creates a comprehensive, multi-year program to reduce greenhouse gas (GHG) emissions in California, with the overall goal of restoring emissions to 1990 levels by the year 2020. In October 2007, ARB approved 44 early action measures to reduce GHG emissions from various sectors, including six early action measures from the stationary source high-GWP sector, the focus of this meeting.

The six early action measures that will be discussed are:

- Sulfur Hexafluoride Reductions from the Non-Electric Sector
- Alternative Suppressants in Fire Protection Systems
- Specifications for Commercial Refrigeration
- High-GWP Refrigerant Tracking, Reporting, and Recovery Program
- Residential Refrigeration
- Foam Recovery/Destruction Program

For each of the above early action measures, staff will provide an overview of the source category, discuss potential concepts for achieving emission reductions, as well as the anticipated timelines for bringing a full proposal to the Board for consideration. A key objective of the meeting is to ensure that all interested stakeholders have an opportunity to participate throughout the process beginning with a discussion of potential approaches for mitigation, identify additional stakeholders that should be contacted, as well as identify additional data sources that should be considered. The attachment provides a brief description of the concepts that will be discussed at the workshop.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

Meeting Logistics Information

The meeting will be held at the following date, time, and location:

Date: February 15, 2008
Time: 1:00 PM to 5:00 PM (Pacific Time)
Location: Cal/EPA Headquarters Building
Byron Sher Auditorium, 2nd Floor
1001 I Street
Sacramento, California 95814

For directions, transportation options, and parking information for the public meeting, please visit the following webpage: <http://www.calepa.ca.gov/EPABldg/location.htm>.

The meeting will also be available by webcast at: <http://www.calepa.ca.gov/broadcast>. During the webcast, we will accept questions and comments via e-mail to auditorium@calepa.ca.gov.

The agenda and presentation, as well as any additional materials will be available at the meeting and prior to the workshop on our website at: <http://www.arb.ca.gov/cc/ceea/ceea.htm>.

If you have a disability-related accommodation need, please go to: <http://www.arb.ca.gov/html/ada/ada.htm> for assistance or contact the Americans with Disabilities Act coordinator at (916) 323-4916. If you are a person who needs assistance in a language other than English, please go to: <http://www.arb.ca.gov/as/eeo/languageaccess.htm> or contact the Bilingual Coordinator at (916) 324-5049 as soon as possible.

Further Information

We welcome your participation in the development of the mitigation options. If you have any questions about this meeting, please contact Mr. Glenn Gallagher, Air Pollution Specialist, Greenhouse Gas Reduction Strategy Section, at (916) 327-8041 or ggallagh@arb.ca.gov.

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If you did not receive this letter directly but would like to be on the mailing list for future notification, please sign up via our website at <http://www.arb.ca.gov/listserv/listserv.php>. (You may sign up for specific early action mailing lists, or sign up for "Climate Change" to receive all mailings for climate change rulemaking notices.)

Sincerely,

/s/

Tony Andreoni, P.E.
Chief, Research & Economic Studies Branch
Research Division

Michael FitzGibbon, P.E.
Chief, Air Quality Field Studies & Administration Branch
Research Division

Attachment

cc: Pamela Gupta, Manager
Greenhouse Gas Reduction Strategy Section

Jorn Herner, Ph.D.
Manager
Greenhouse Gas Technology & Field Testing Section

Attachment

Background Information on Stationary Source (High Global Warming Potential) Early Action Measures

Sulfur Hexafluoride (SF₆) Reductions from the Non-Electric Sector: Strategies include the potential ban of SF₆ in non-utility, non-semiconductor applications where safe, cost-effective alternatives are available. Affected uses may include magnesium production and casting operations, air quality tracer gas studies, and face velocity tests for laboratory hoods.

Alternative Suppressants in Fire Protection Systems: Strategies include the use of lower GWP gases (non-Halons) in new fire protection systems where safe, cost-effective, technically feasible alternatives are available.

Specifications for Commercial Refrigeration: Strategies include measures to require leak tightness and advanced design requirements for new refrigeration systems used in cold storage facilities, supermarkets, and retail food businesses. Energy efficiency measures may also be required for new and existing systems.

GWP Refrigerant Tracking, Reporting, and Recovery Program: Strategies include requirements for record-keeping, reporting on refrigerant and energy usage, mandatory maintenance and leak repair, technician certification, reclaimer certification, recovery equipment specifications, sales restrictions, and prohibition on venting for large systems. A deposit and return program may also be developed to encourage leak repair and recovery/recycling of high-GWP greenhouse gases.

Residential Refrigeration: Strategies include supporting existing voluntary programs to promote the upgrade of pre-2000 residential refrigeration equipment in need of repair, including refrigerators, freezers, and window unit air conditioners.

Foam Recovery/Destruction Program: Strategies include the recovery and destruction of waste high-GWP insulating foams used in appliances, building panels, and other sources.